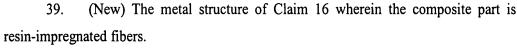
IN THE CLAIMS

Claims 1-15, 17-30, 32-35, and 37-38. (Cancelled)

16. (Currently Amended) A metal structure for forming a composite part, the structure comprising a steel surface having adhered deposited thereon a cured an adhesive with polyamide mixture of an acid impervious polymer particulates dispersed therein, the cured adhesive and particulates being able to produce a formed composite part at temperature levels between 500°F to 700°F. and a high curing temperature powder adhesive to adhere the particulate to the steel surface, the adhesive having a curing temperature lower than a maximum acid impervious temperature level of the particulate the adhesive mixture being operative to form an acid impervious barrier at temperatures above 500°F.



- 31. (Currently amended) The metal structure of Claim 16 26-wherein the euring cured operating temperature of the adhesive and particulates are is-greater than a leaching temperature of the part.
- 36. (Previously added) The metal structure of Claim 35 wherein the acid-impervious particulate has a total surface area of about 0.008 square inches for providing a smooth surface finish to the composite part.



- 40. (New) A structure to form a composite part having a forming temperature of above 500°F, the structure comprising:
- a. a metal surface defining a leaching temperature with respect to the composite part, the leaching temperature being a temperature at which acid from the composite part leaches iron from the metal surface to produce a less than full-utility

composite part out of the structure, the forming temperature being greater than the leaching temperature; and

- b. a mixture adhered to the metal surface, the mixture being a cured adhesive with polyamide polymer particulates dispersed within the cured adhesive, the mixture having an operating temperature greater than the forming temperature, the operating temperature being up to 700°F and a temperature at which the mixture when interposed between the composite part and metal surface prevents acid from the composite part from leaching iron from the metal surface to produce a full-utility composite part out of the structure.
- 41. (New) The structure of Claim 40 wherein the particulate has a total surface area of about 0.008 square inches for providing a smooth surface finish to the composite part.
- 42. (New) The structure of Claim 40 wherein the mixture is coated over the metal surface.
- 43. (New) The structure of Claim 42 wherein the mixture conforms to the metal surface in film form.
- 44. (New) The structure of Claim 40 wherein the particulates are evenly dispersed in the cured adhesive such that the composite part has full-utility out of the structure.
- 45. (New) The structure of Claim 40 wherein the metal surface is a steel surface.
- 46. (New) The structure of Claim 40 wherein the composite part is resinimpregnated fibers.

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